

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049603.D
 Acq On : 28 Jun 2018 21:00
 Operator : MD\SY
 Sample : J3242-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 01:42:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1133213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1841028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1515966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	604295	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	759852	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	674402	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
50) Toluene-d8	10.09	98	2460941	43.39	ug/l	0.00
Spiked Amount			Recovery	=	86.78%	
62) 4-Bromofluorobenzene	12.40	95	719153	38.35	ug/l	0.00
Spiked Amount			Recovery	=	76.70%	

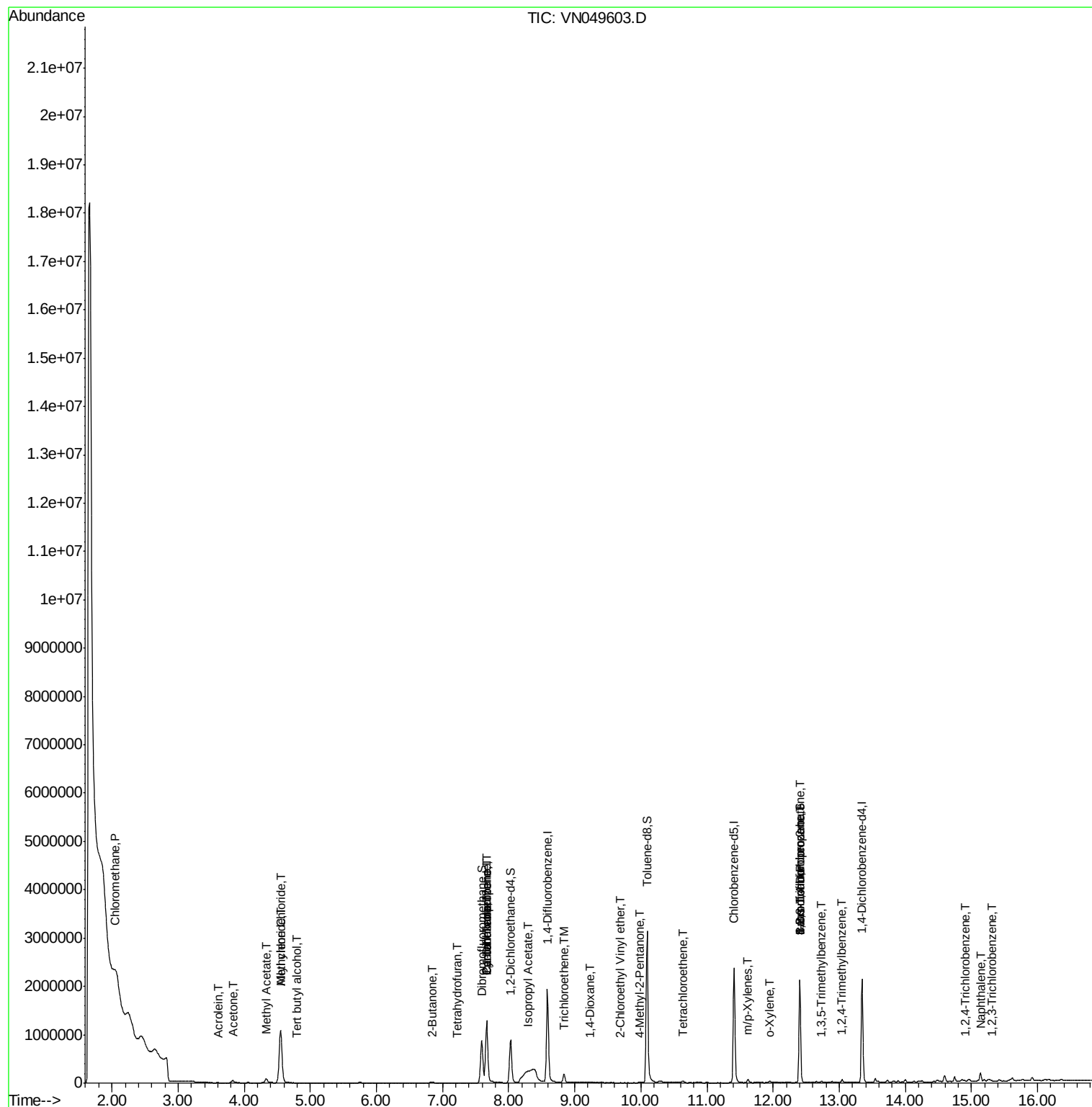
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3411	0.20	ug/l #	83
11) Tert butyl alcohol	4.79	59	397	0.45	ug/l #	70
13) Acrolein	3.61	56	977	1.06	ug/l #	8
14) Allyl chloride	4.55	41	28738	1.40	ug/l #	22
16) Acetone	3.83	43	78844	21.60	ug/l	97
18) Methyl Acetate	4.33	43	154233	13.86	ug/l	95
20) Methylene Chloride	4.55	84	831161	54.53	ug/l	91
25) 2-Butanone	6.84	43	4560	0.93	ug/l	94
29) Tetrahydrofuran	7.22	42	978	0.31	ug/l #	90
31) Cyclohexane	7.67	56	20961	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	82675	3.92	ug/l #	49
38) Carbon Tetrachloride	7.67	117	105116	4.81	ug/l #	17
43) Isopropyl Acetate	8.29	43	478070	21.81	ug/l #	64
44) Trichloroethene	8.84	130	66603	3.90	ug/l	93
49) 1,4-Dioxane	9.22	88	31	0.22	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4279	0.37	ug/l #	79
58) 2-Chloroethyl Vinyl ether	9.70	63	34	14.33	ug/l #	51
64) Tetrachloroethene	10.63	164	9700	0.62	ug/l	94
68) m/p-Xylenes	11.62	106	20963	0.86	ug/l	92
69) o-Xylene	11.95	106	7265	0.31	ug/l	99
71) Bromoform	12.40	173	2280	0.24	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.47	83	29	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	350797	34.02	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11952	0.29	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	350797	107.53	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	33174	0.80	ug/l	100
90) Hexachloroethane	13.89	117	2408	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.92	180	517	4.79	ug/l	70
95) Naphthalene	15.14	128	145045	10.53	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	186	3.47	ug/l #	66

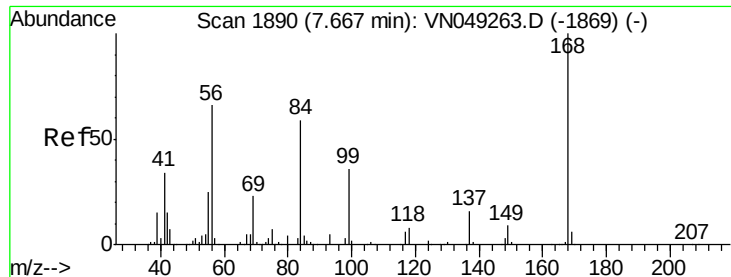
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

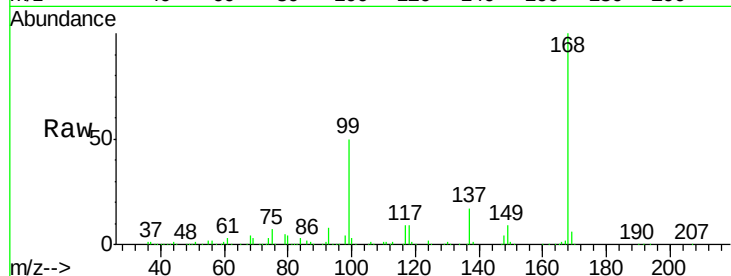
ClientSampleId :

Tot Ion:168 Resp: 1133213

Ion Ratio Lower Upper

168 100

99 50.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049263.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049263.D (-1869) (-)

7.67

500000

400000

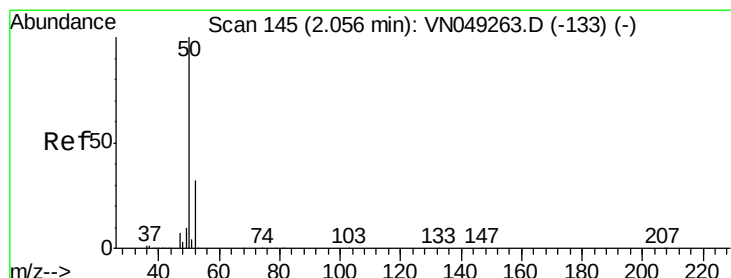
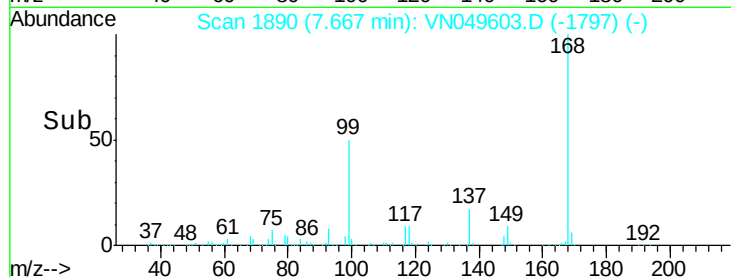
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049603.D

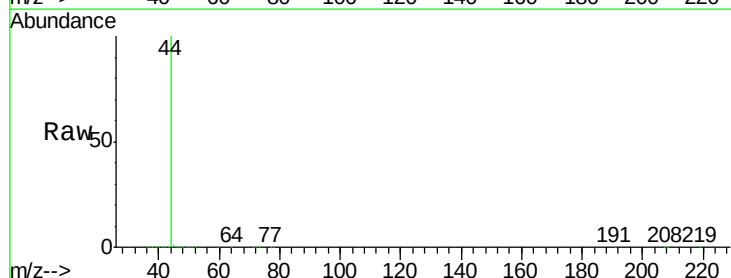
Acq: 28 Jun 2018 21:00

Tgt Ion: 50 Resp: 3411

Ion Ratio Lower Upper

50 100

52 41.0 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VN049263.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049263.D (-133) (-)

2.06

2500

2000

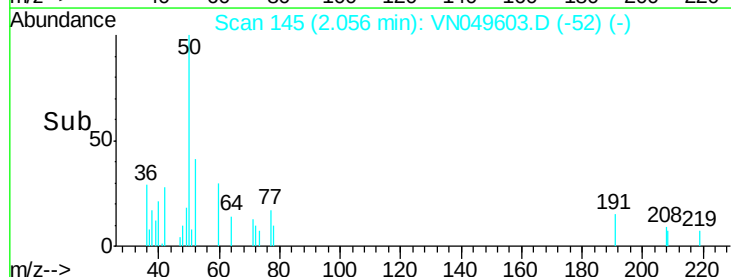
1500

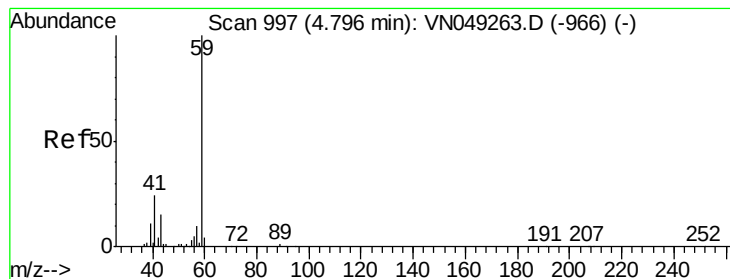
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 0.45 ug/l

RT: 4.79 min Scan# 996

Delta R.T. -0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

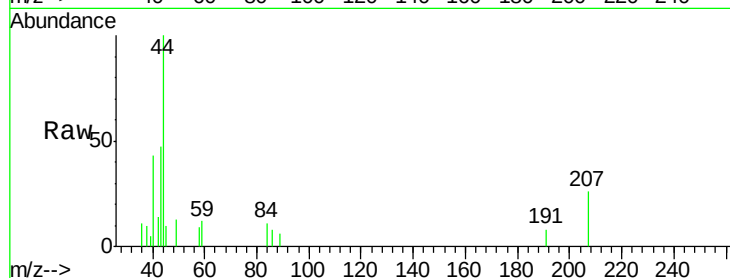
ClientSampled :

Tot Ion: 59 Resp: 397

Ion Ratio Lower Upper

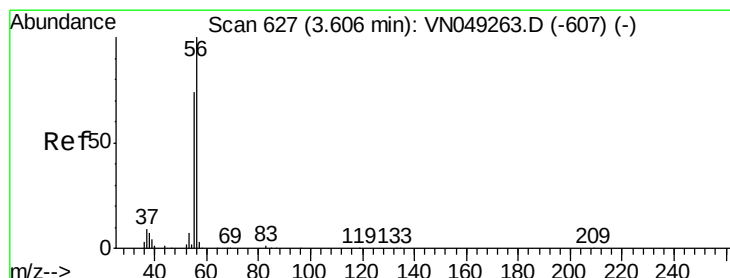
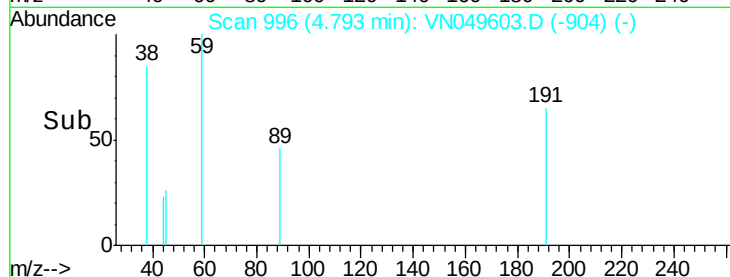
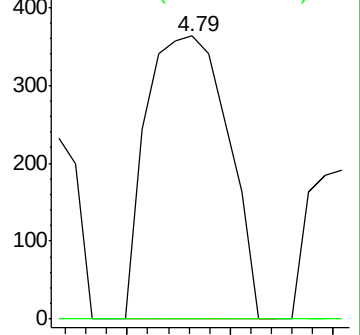
59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 1.06 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049603.D

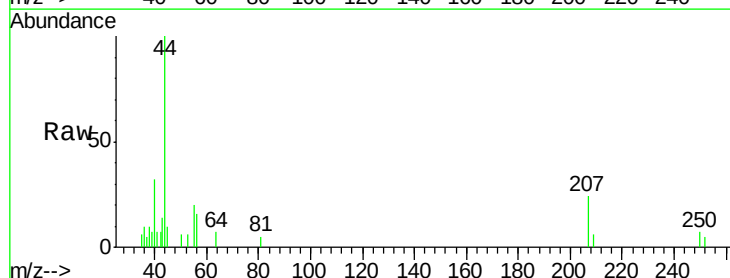
Acq: 28 Jun 2018 21:00

Tgt Ion: 56 Resp: 977

Ion Ratio Lower Upper

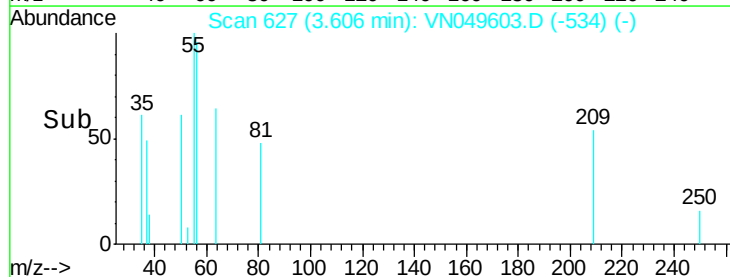
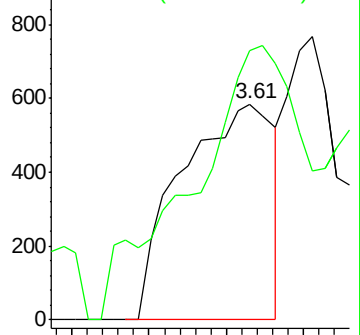
56 100

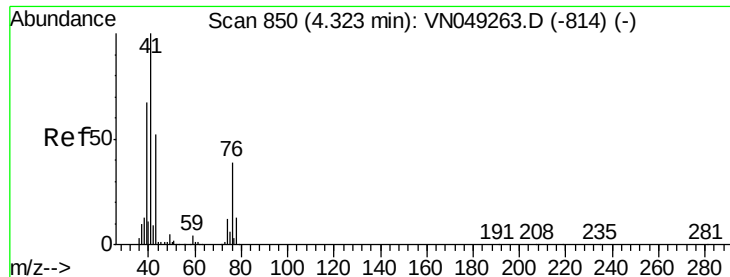
55 147.3 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

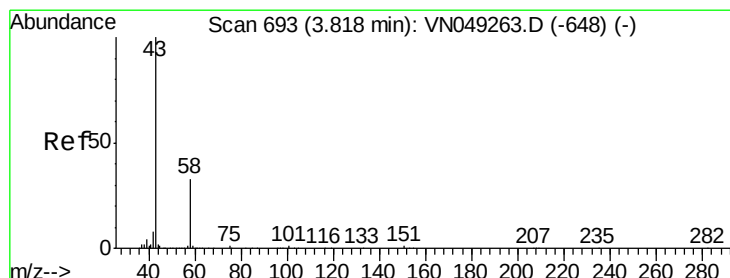
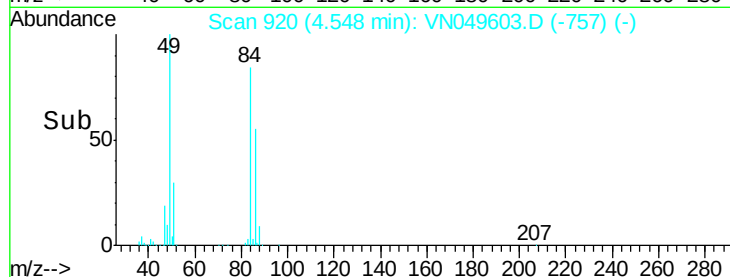
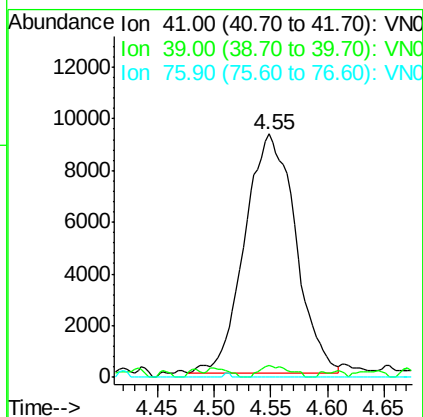
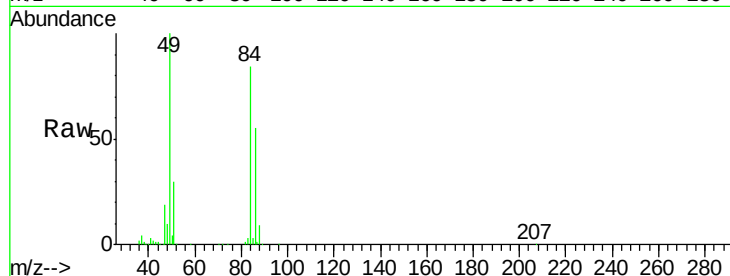




#14
Allvl chloride
Concen: 1.40 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

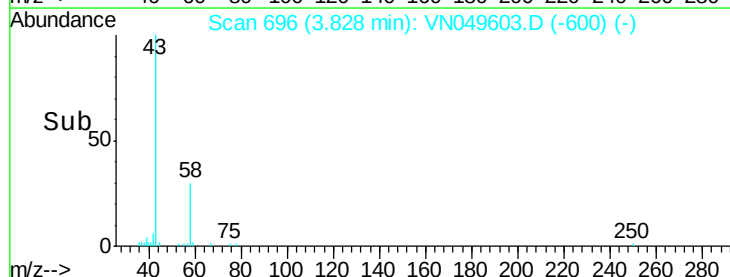
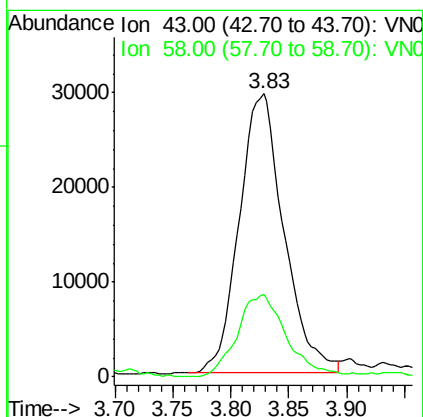
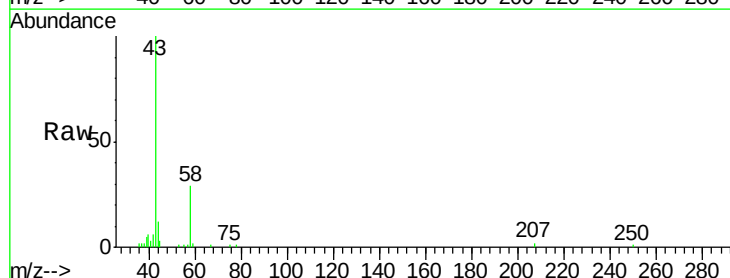
Instrument :
MSVOA_N
ClientSampled :

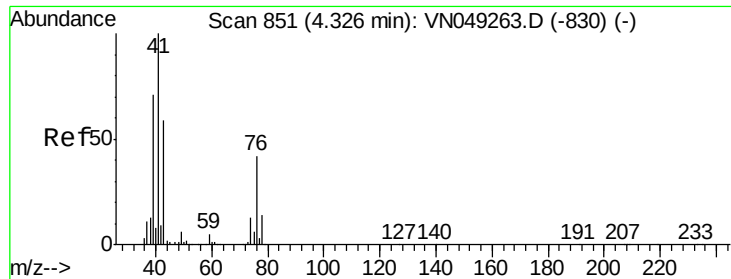
Tot Ion	Ratio	Lower	Upper
41	100		
39	2.8	62.5	93.7#
76	0.0	27.1	40.7#



#16
Acetone
Concen: 21.60 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.4	33.6

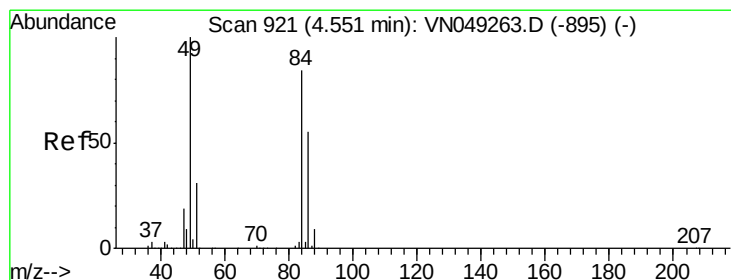
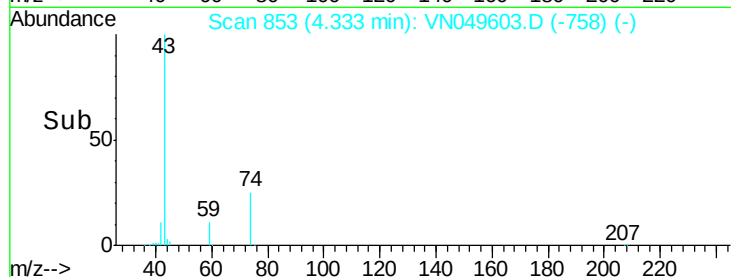
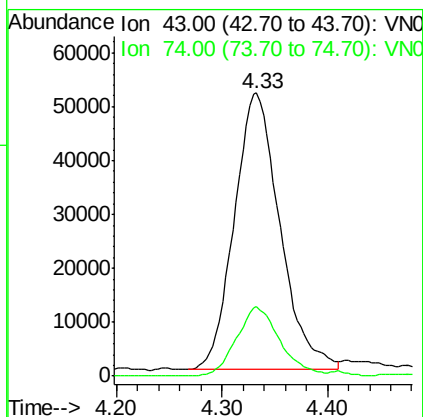
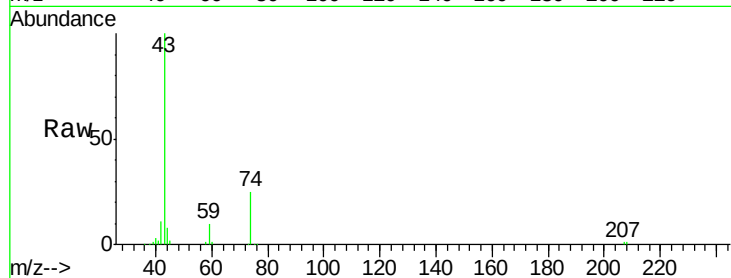




#18
Methvl Acetate
Concen: 13.86 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

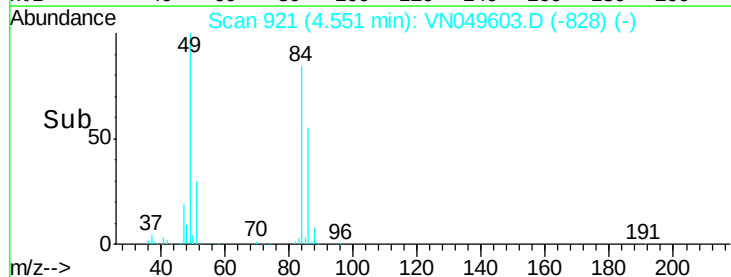
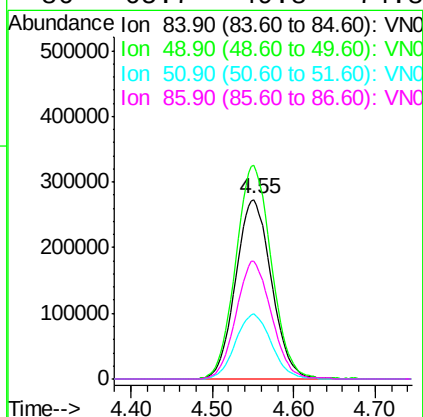
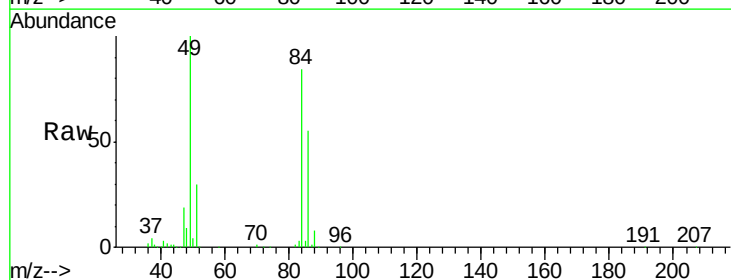
Instrument :
MSVOA_N
ClientSampled :

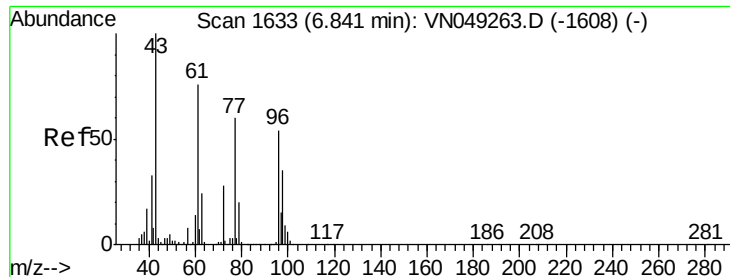
Tot Ion: 43 Resp: 154233
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0



#20
Methylene Chloride
Concen: 54.53 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion: 84 Resp: 831161
Ion Ratio Lower Upper
84 100
49 119.1 106.9 160.3
51 36.2 32.7 49.1
86 65.7 49.8 74.8





#25

2-Butanone

Concen: 0.93 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

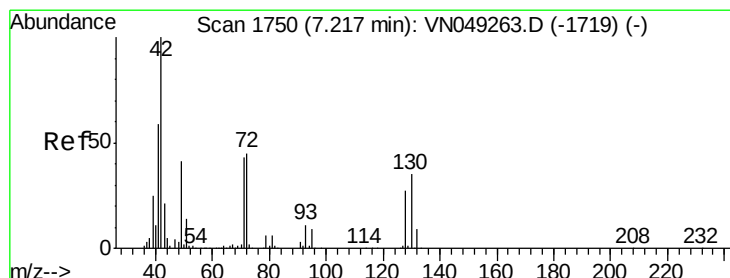
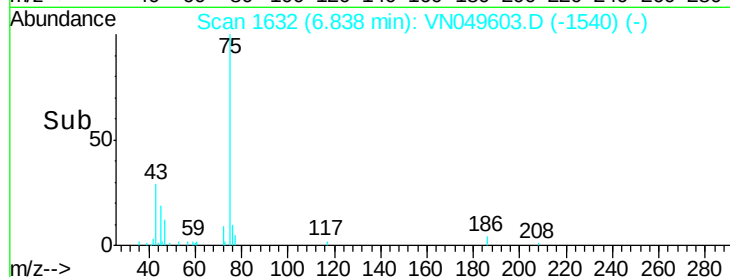
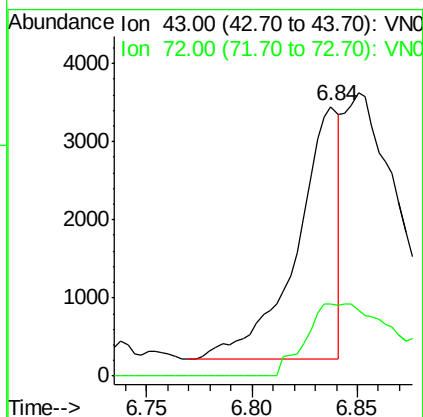
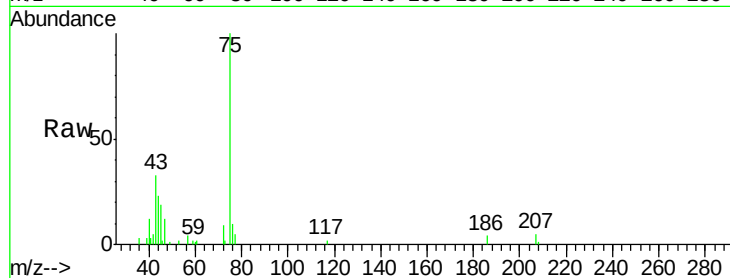
ClientSampled :

Tot Ion: 43 Resp: 4560

Ion Ratio Lower Upper

43 100

72 28.3 20.2 30.2



#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

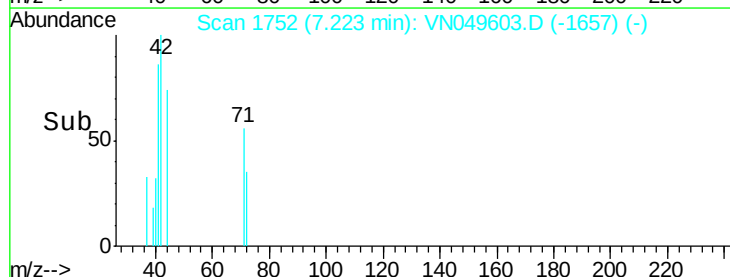
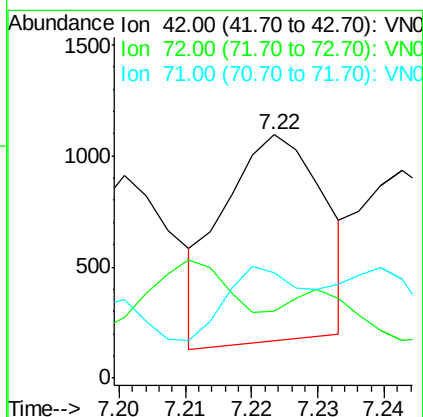
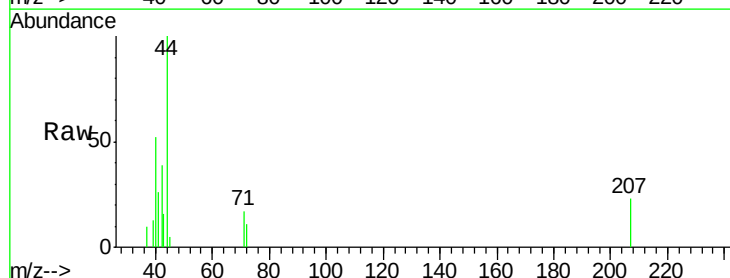
Tgt Ion: 42 Resp: 978

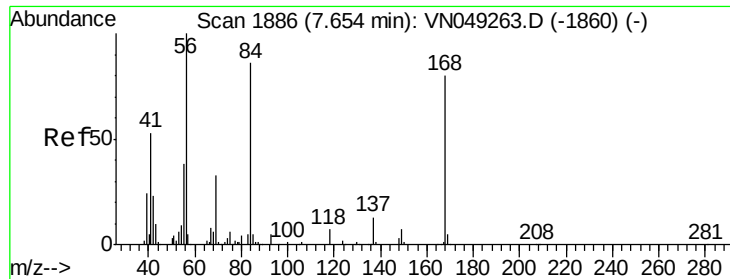
Ion Ratio Lower Upper

42 100

72 42.0 32.2 48.4

71 28.0 30.5 45.7#

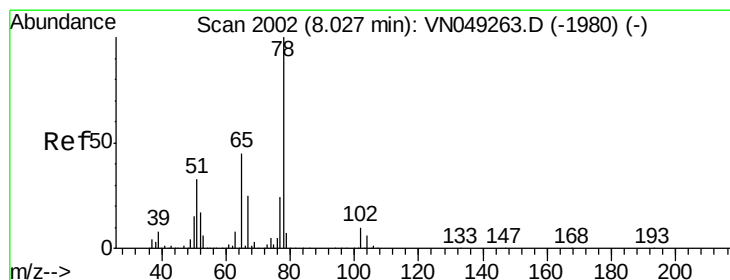
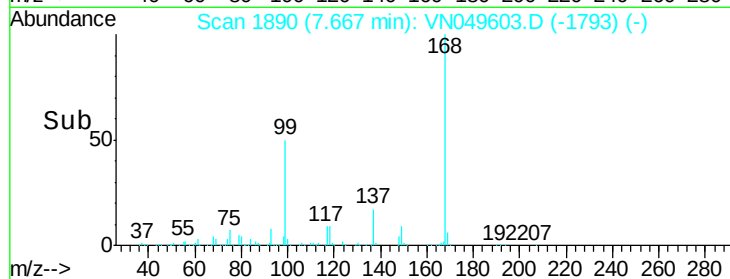
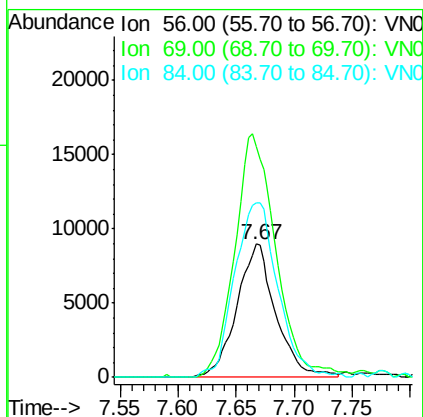
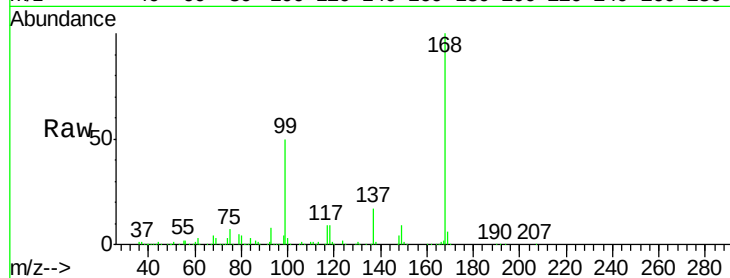




#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

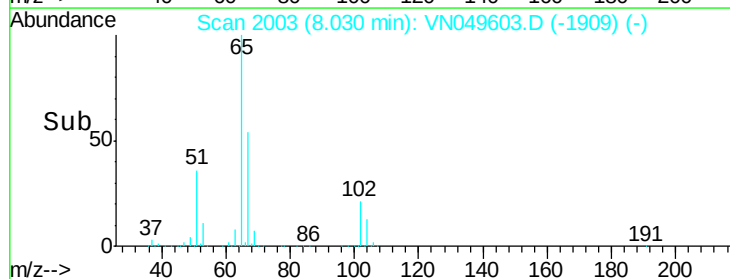
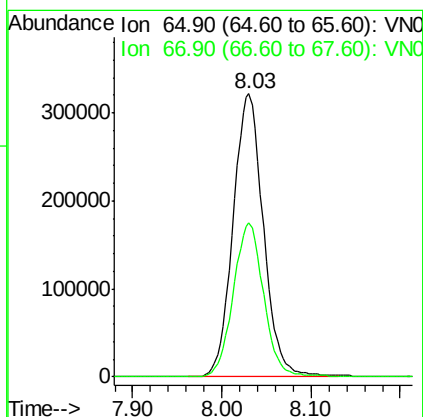
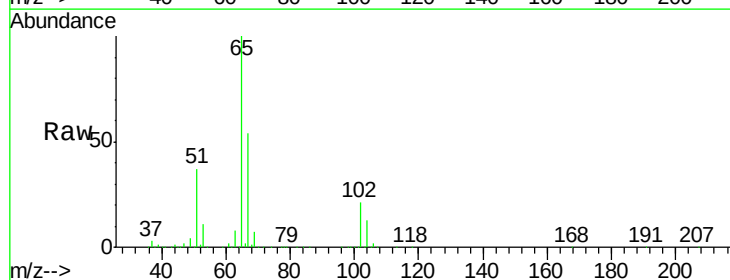
Instrument :
MSVOA_N
ClientSampleId :

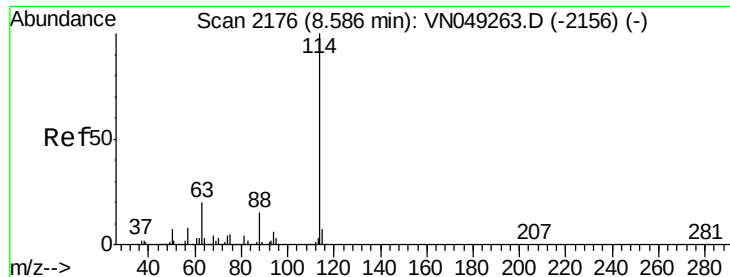
Tot Ion: 56 Resp: 20961
Ion Ratio Lower Upper
56 100
69 173.8 25.0 37.4#
84 130.8 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 50.55 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion: 65 Resp: 759852
Ion Ratio Lower Upper
65 100
67 54.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampled :

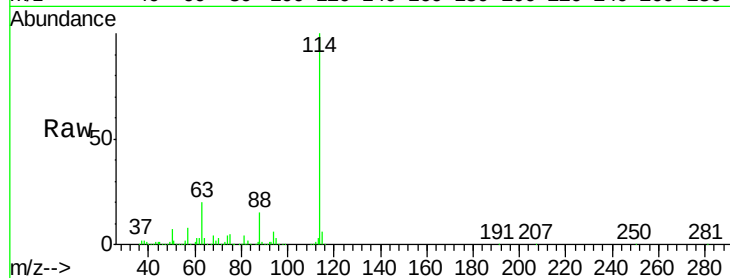
Tot Ion:114 Resp: 1841028

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

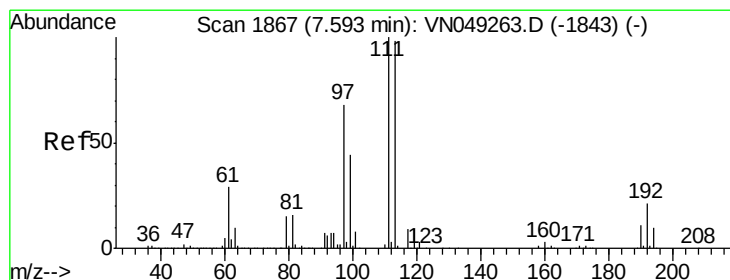
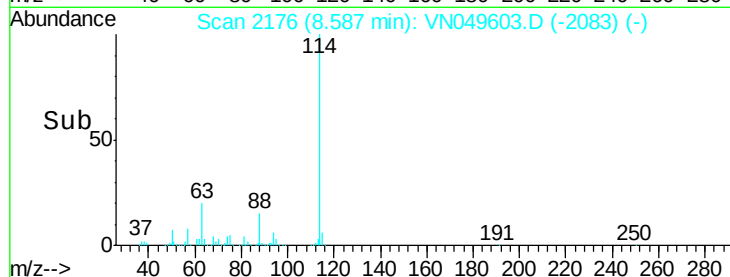
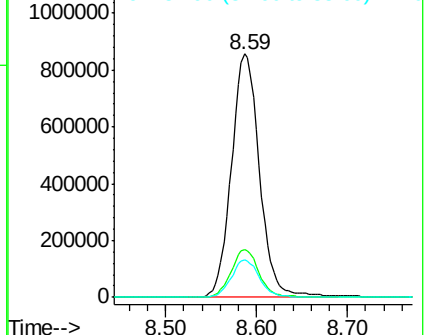
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.28 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

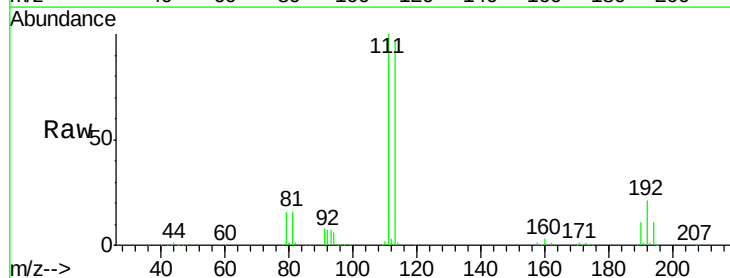
Tgt Ion:113 Resp: 674402

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

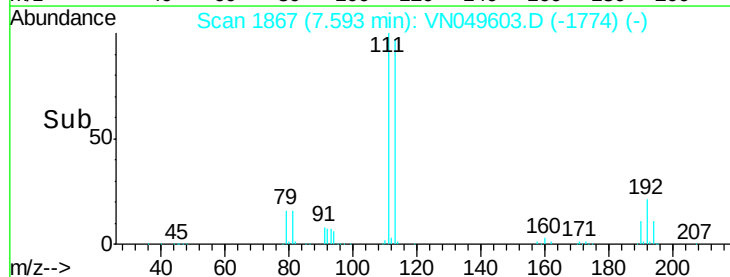
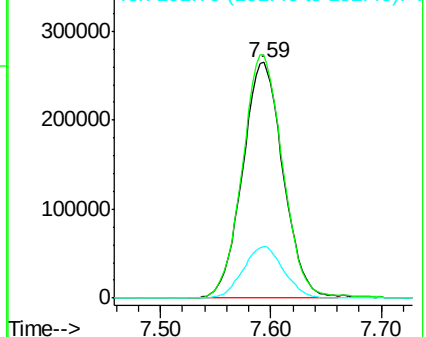
192 22.1 15.0 22.6

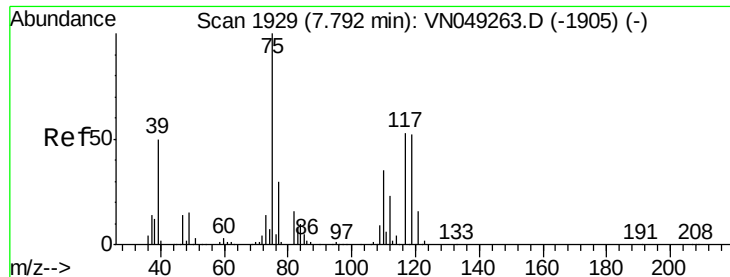


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.92 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

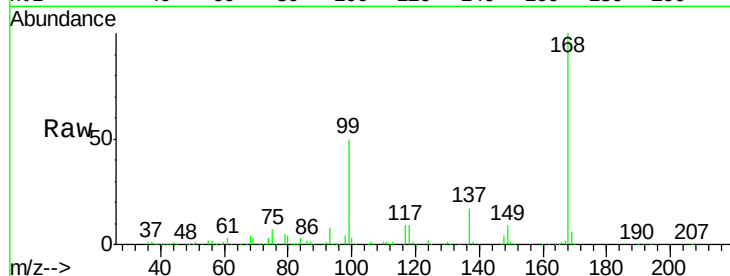
Tot Ion: 75 Resp: 82675

Ion Ratio Lower Upper

75 100

110 7.8 17.0 50.9#

77 0.0 24.4 36.6#

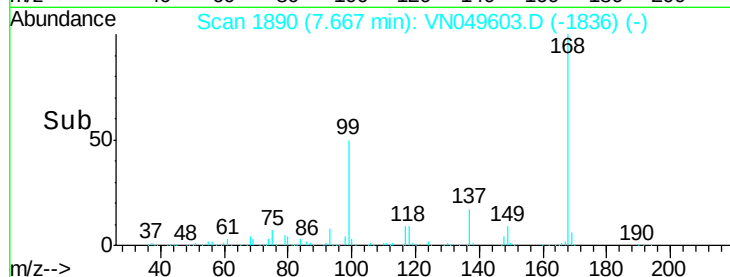


Abundance Ion 74.90 (74.60 to 75.60): VN049603.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049603.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049603.D (-1836) (-)

Time-->



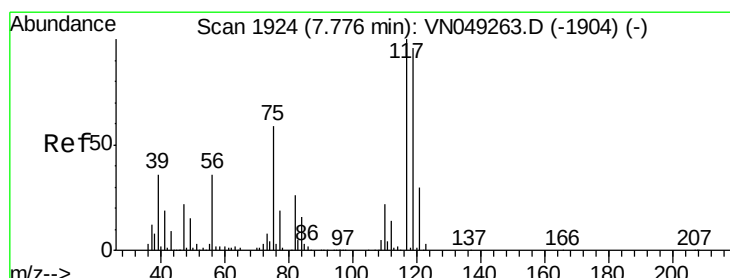
Abundance

Ion 74.90 (74.60 to 75.60): VN049603.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049603.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049603.D (-1836) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.81 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

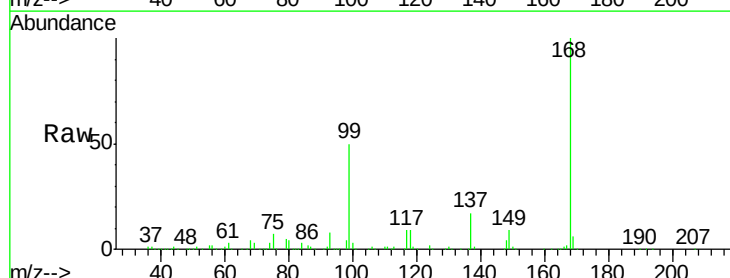
Tgt Ion: 117 Resp: 105116

Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

121 0.0 24.7 37.1#

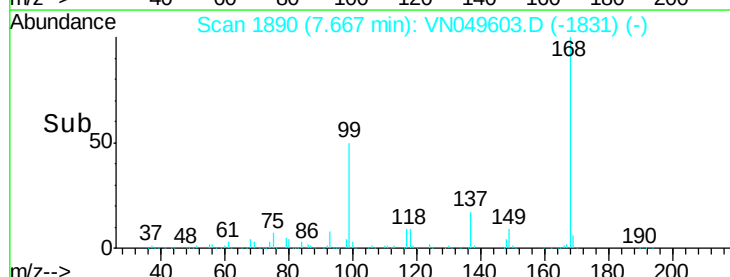


Abundance Ion 116.80 (116.50 to 117.50): VN049603.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049603.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049603.D (-1831) (-)

Time-->



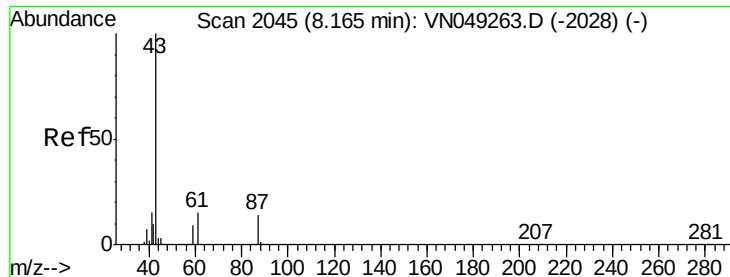
Abundance

Ion 116.80 (116.50 to 117.50): VN049603.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049603.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049603.D (-1831) (-)

Time-->



#43

Isopropyl Acetate

Concen: 21.81 ug/l

RT: 8.29 min Scan# 2085

Delta R.T. 0.13 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

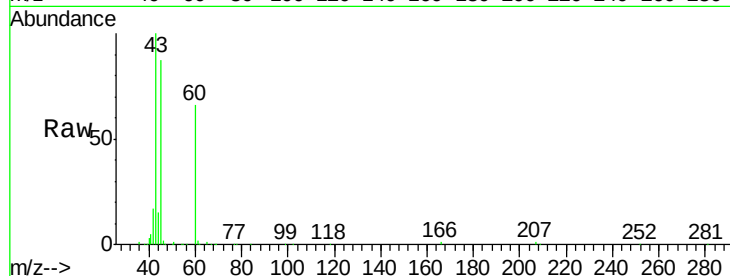
Tot Ion: 43 Resp: 478070

Ion Ratio Lower Upper

43 100

61 0.2 14.2 21.4#

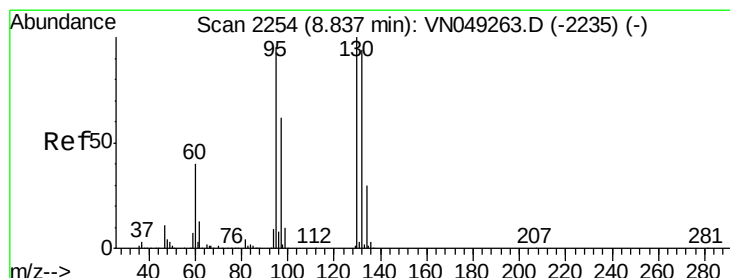
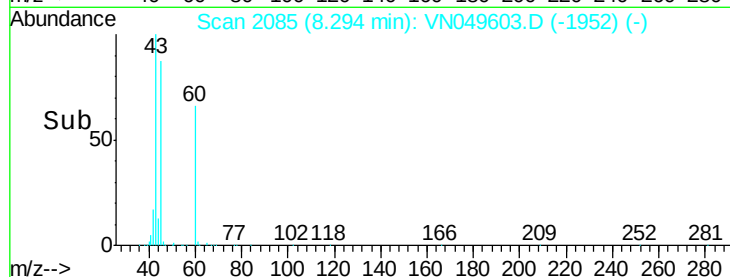
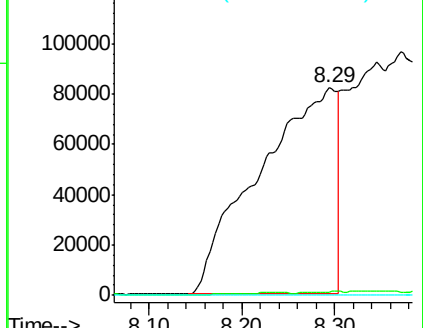
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2028) (-)

Ion 61.00 (60.70 to 61.70): VN049263.D (-2028) (-)

Ion 87.00 (86.70 to 87.70): VN049263.D (-2028) (-)



#44

Trichloroethene

Concen: 3.90 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049603.D

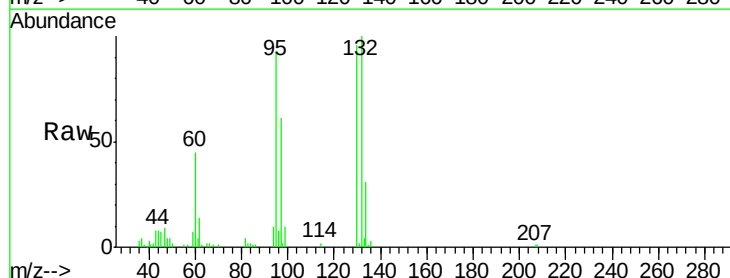
Acq: 28 Jun 2018 21:00

Tgt Ion: 130 Resp: 66603

Ion Ratio Lower Upper

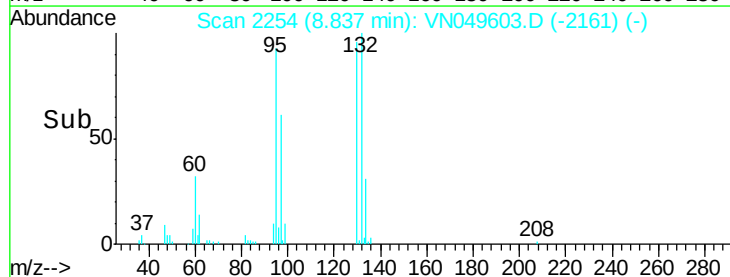
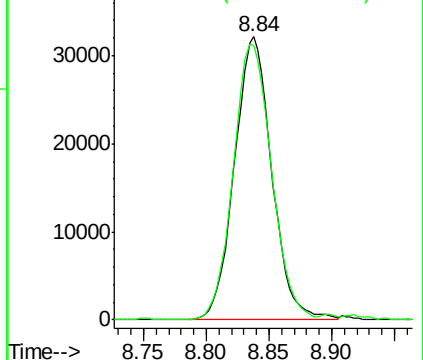
130 100

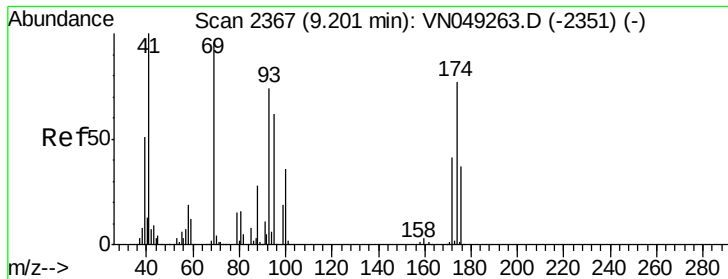
95 97.0 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049263.D (-2235) (-)

Ion 94.90 (94.60 to 95.60): VN049263.D (-2235) (-)

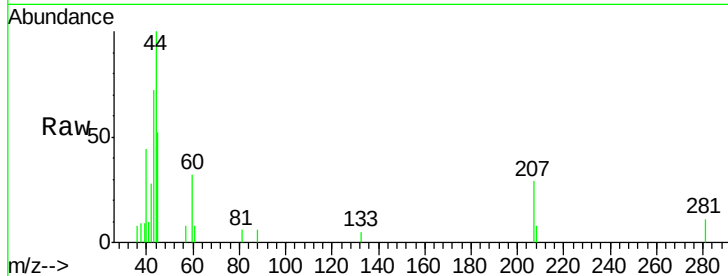




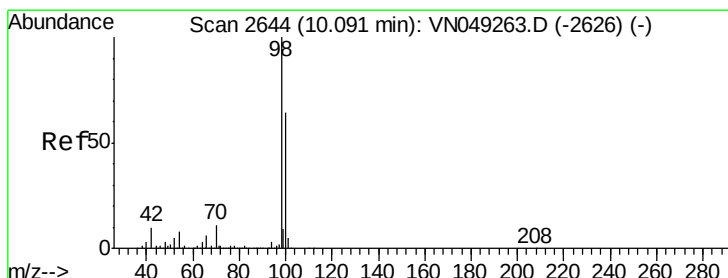
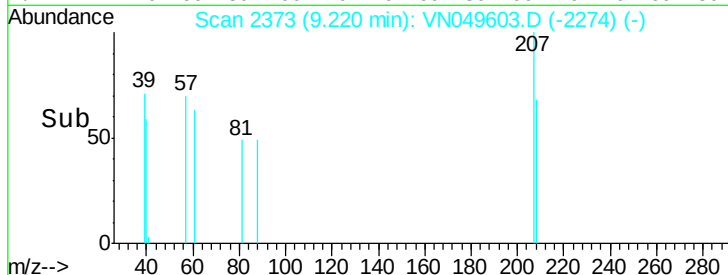
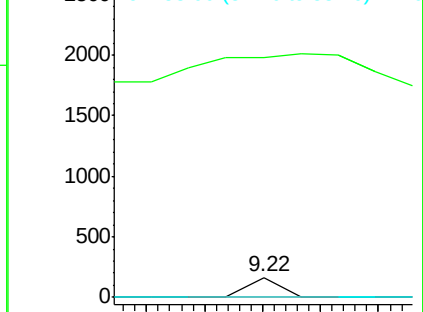
#49
1,4-Dioxane
Concen: 0.22 ug/l
RT: 9.22 min Scan# 2373
Delta R.T. 0.02 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 1580.6 30.9 46.3#
58 0.0 58.9 88.3#

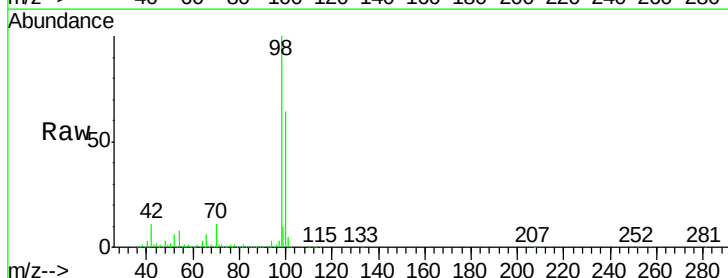


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

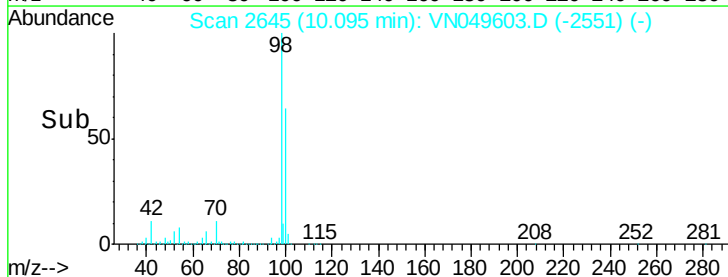
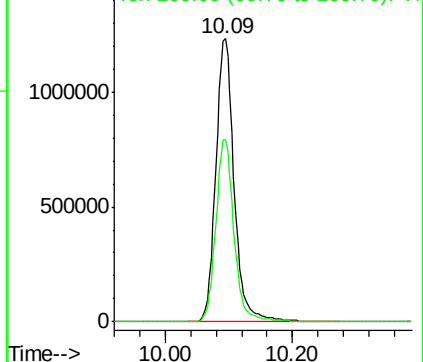


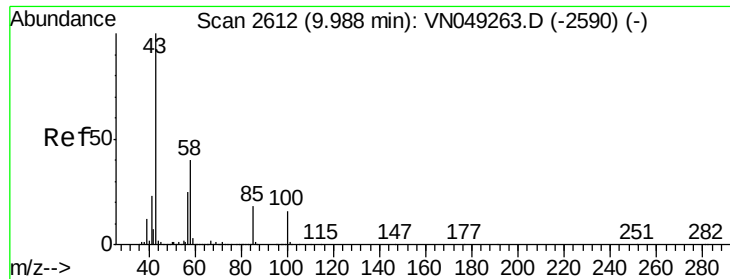
#50
Toluene-d8
Concen: 43.39 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion: 98 Resp: 2460941
Ion Ratio Lower Upper
98 100
100 64.1 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.37 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

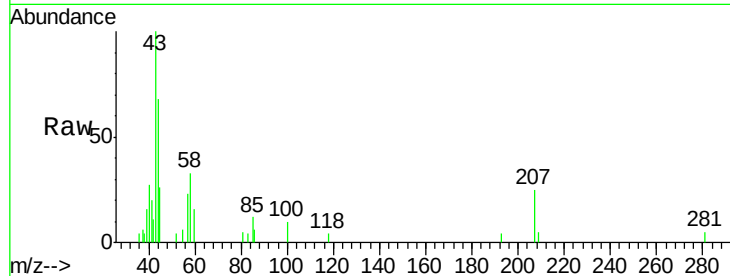
ClientSampled :

Tot Ion: 43 Resp: 4279

Ion Ratio Lower Upper

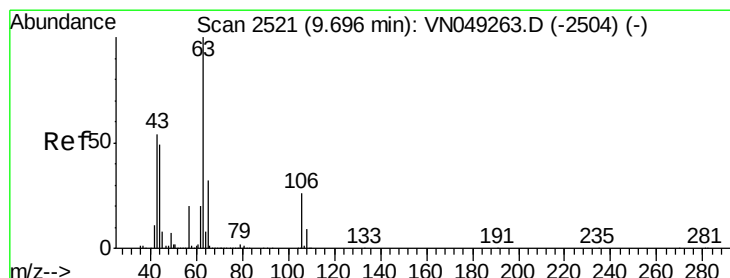
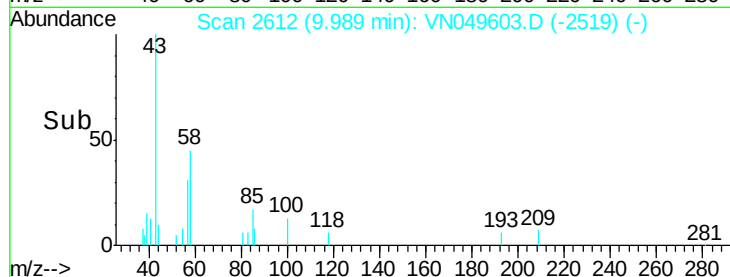
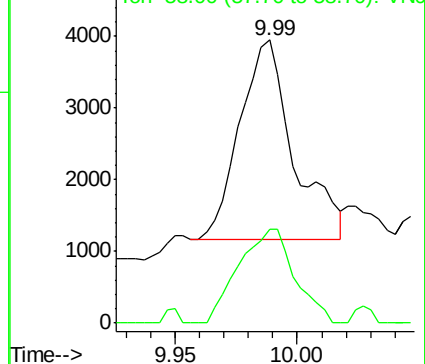
43 100

58 48.9 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049603.D

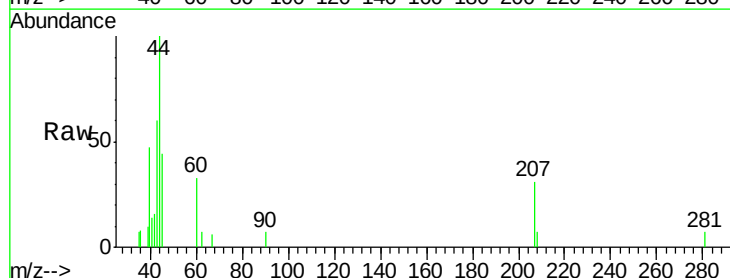
Acq: 28 Jun 2018 21:00

Tgt Ion: 63 Resp: 34

Ion Ratio Lower Upper

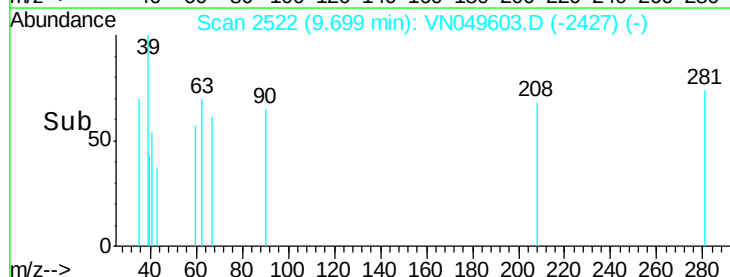
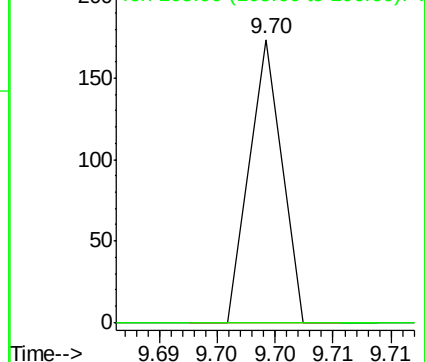
63 100

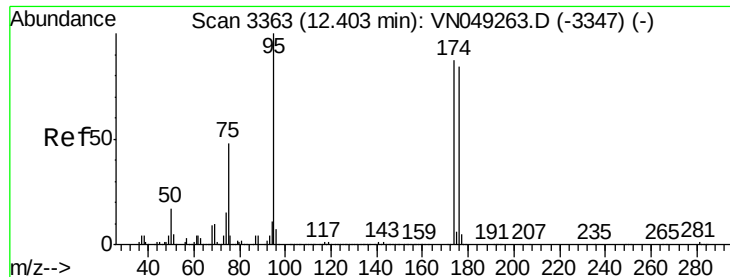
106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

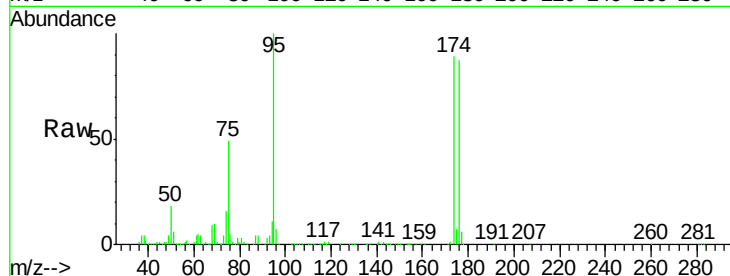




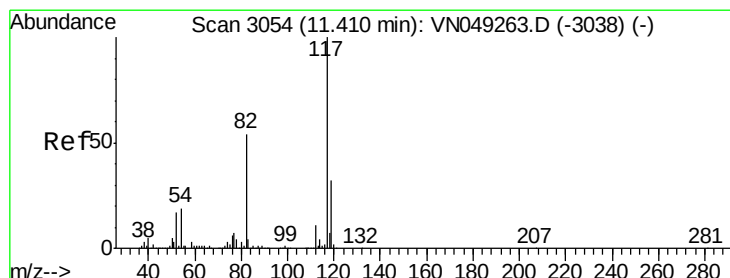
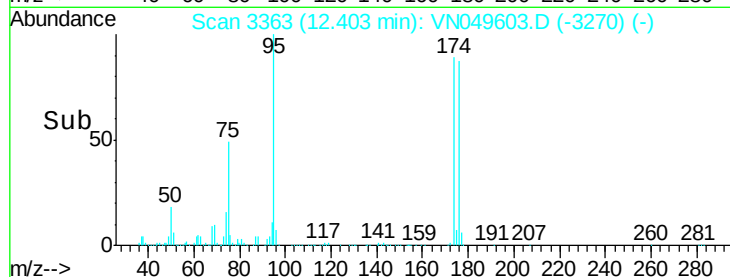
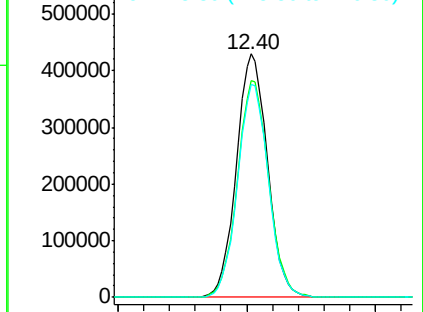
#62
4-Bromofluorobenzene
Concen: 38.35 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 95 Resp: 719153
Ion Ratio Lower Upper
95 100
174 89.4 0.0 165.6
176 87.1 0.0 157.4

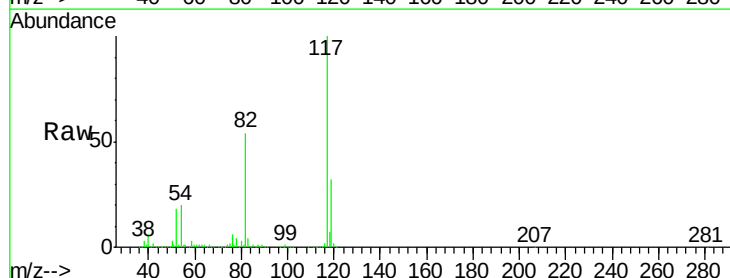


Abundance Ion 94.90 (94.60 to 95.60): VN049603.D (-3270) (-)
Ion 173.80 (173.50 to 174.50): VN049603.D (-3270) (-)
Ion 175.80 (175.50 to 176.50): VN049603.D (-3270) (-)

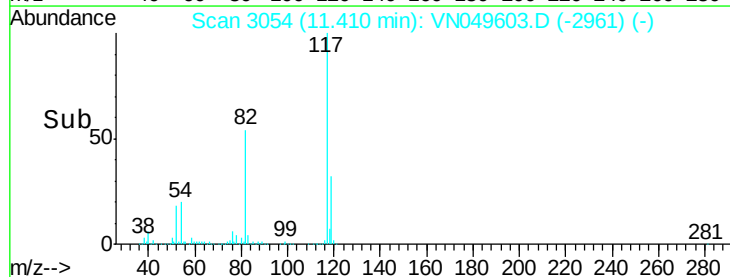
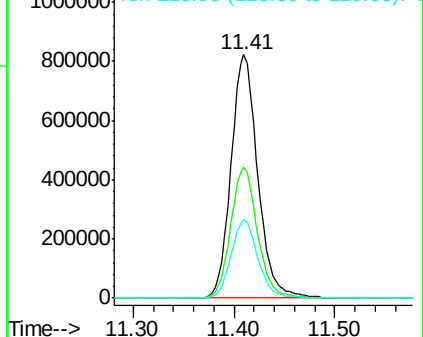


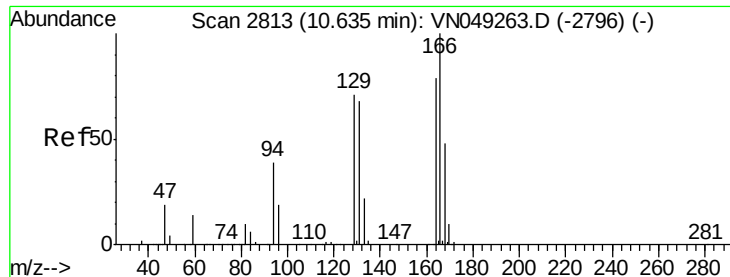
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion: 117 Resp: 1515966
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN049603.D (-2961) (-)
Ion 82.00 (81.70 to 82.70): VN049603.D (-2961) (-)
Ion 118.90 (118.60 to 119.60): VN049603.D (-2961) (-)

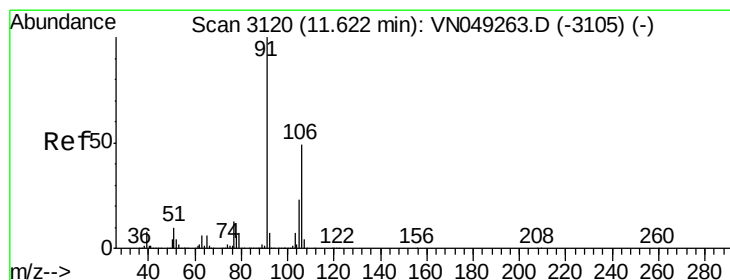
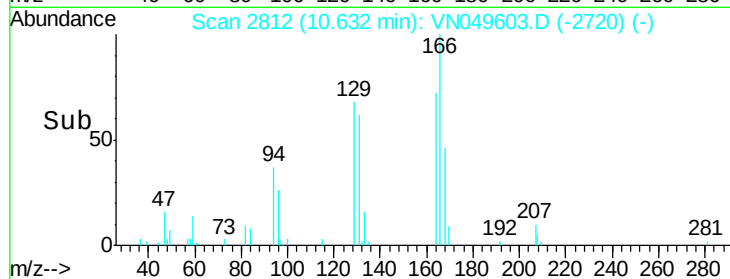
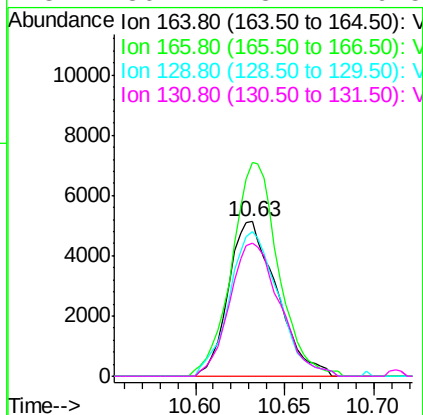
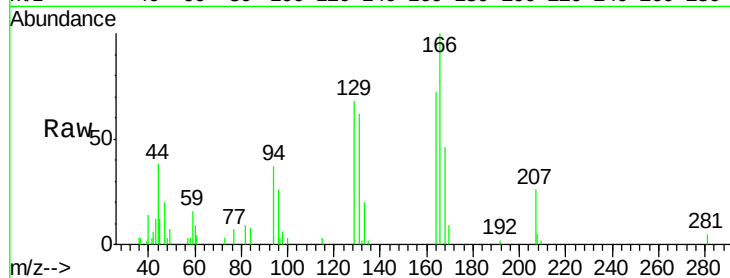




#64
Tetrachloroethene
Concen: 0.62 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

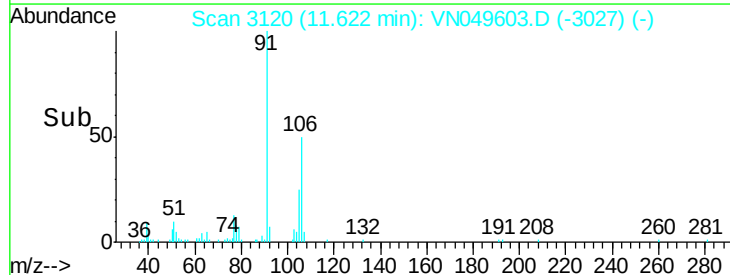
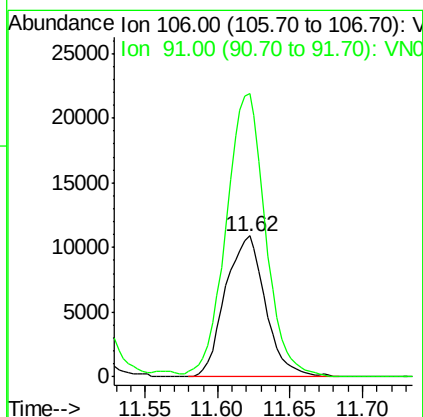
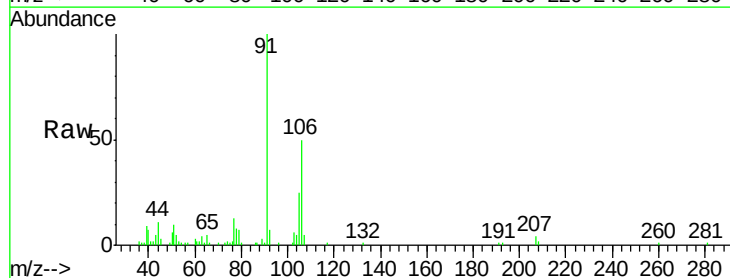
Instrument :
MSVOA_N
ClientSampleId :

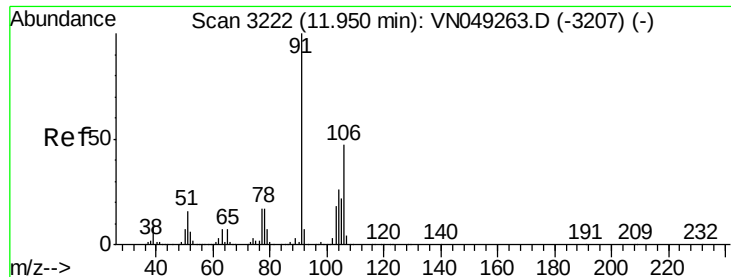
Tot Ion:164 Resp: 9700
Ion Ratio Lower Upper
164 100
166 138.4 101.4 152.2
129 94.0 74.1 111.1
131 86.1 73.7 110.5



#68
m/p-Xylenes
Concen: 0.86 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion:106 Resp: 20963
Ion Ratio Lower Upper
106 100
91 197.2 167.3 250.9

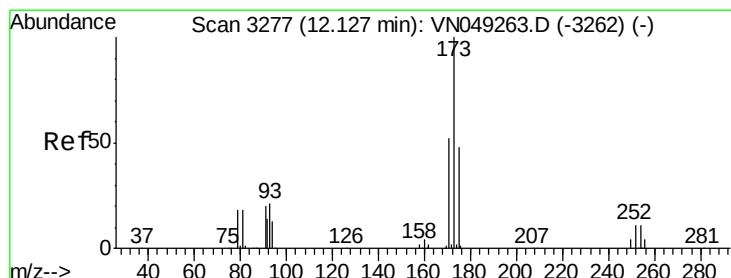
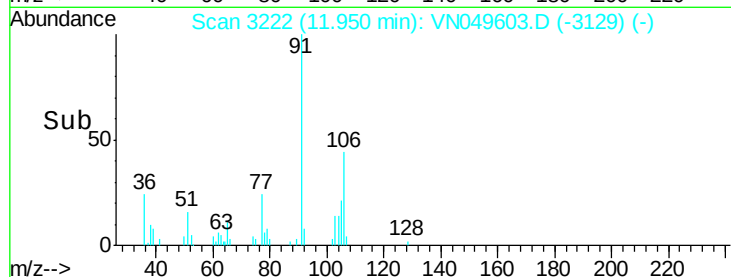
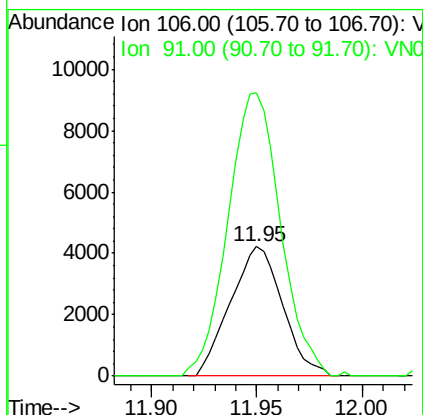
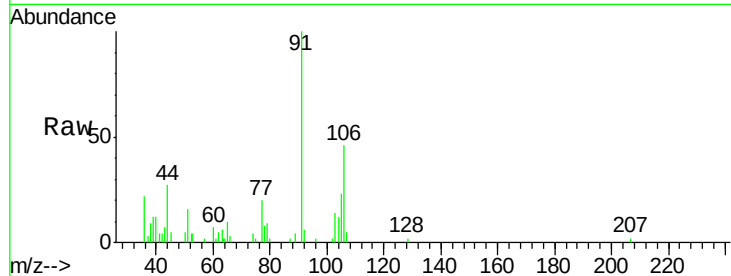




#69
o-Xylene
Concen: 0.31 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

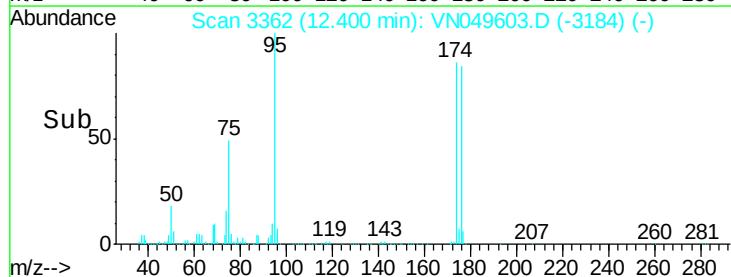
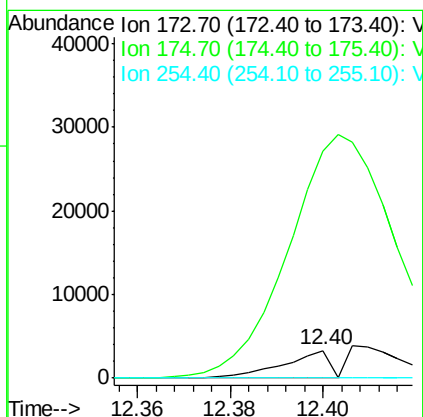
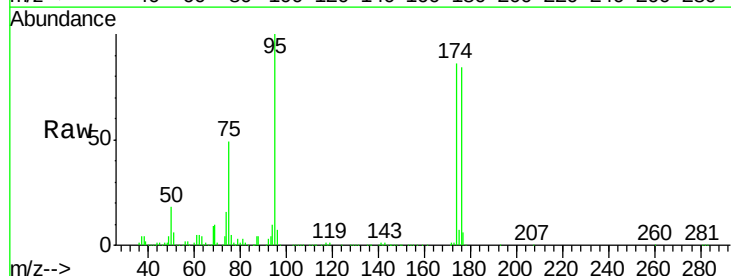
Instrument :
MSVOA_N
ClientSampled :

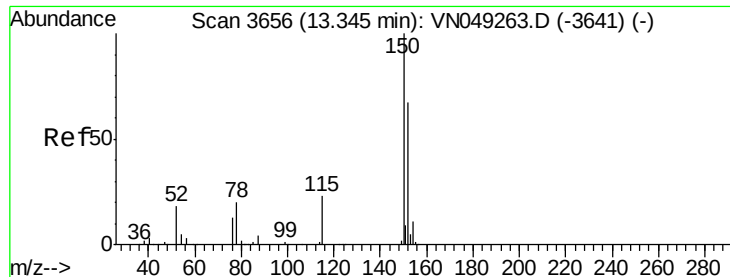
Tot Ion:106 Resp: 7265
Ion Ratio Lower Upper
106 100
91 219.7 111.0 333.0



#71
Bromoform
Concen: 0.24 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.27 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion:173 Resp: 2280
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

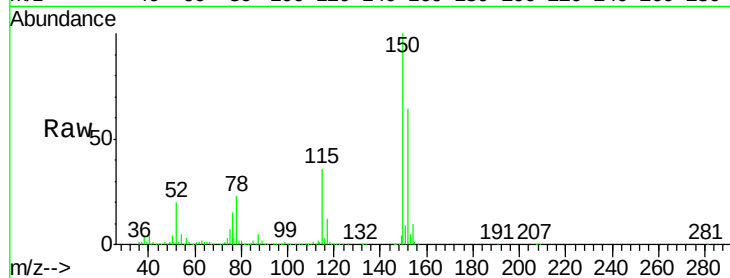
Tot Ion:152 Resp: 604295

Ion Ratio Lower Upper

152 100

115 56.8 28.7 86.1

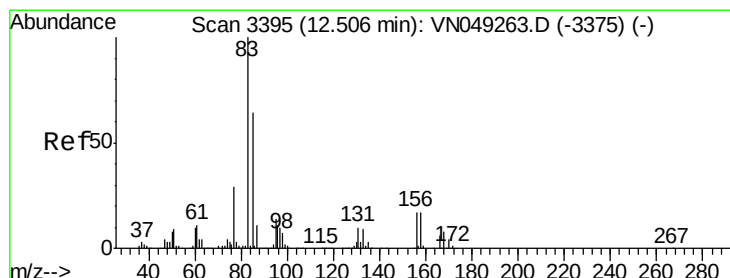
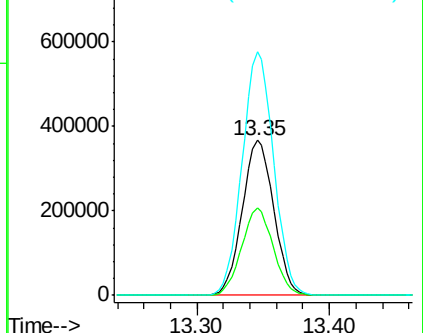
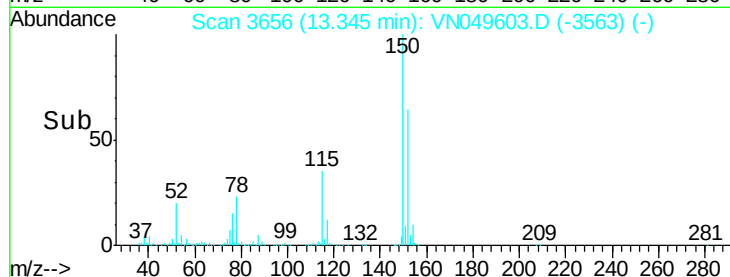
150 157.1 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3383

Delta R.T. -0.04 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

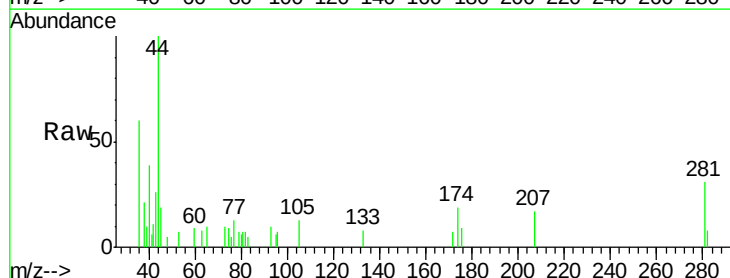
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

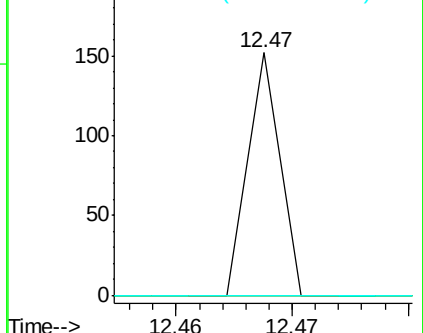
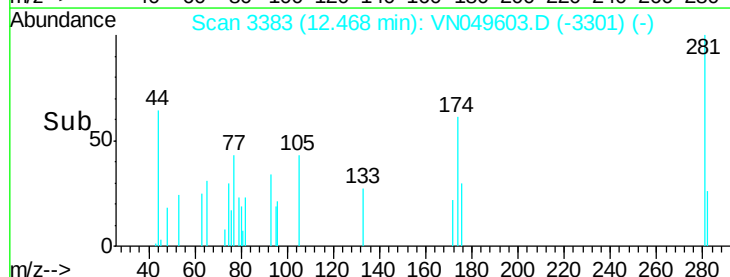
85 0.0 32.0 96.0#

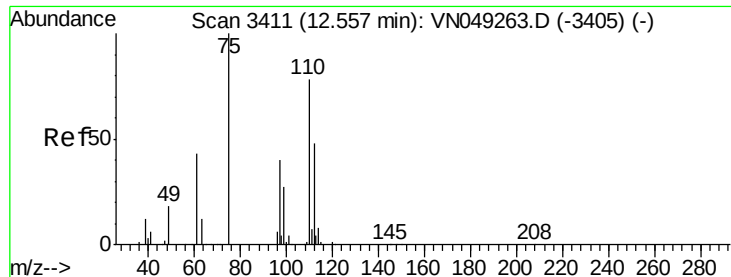


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 34.02 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

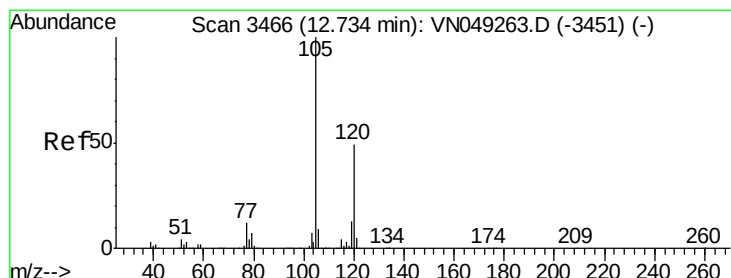
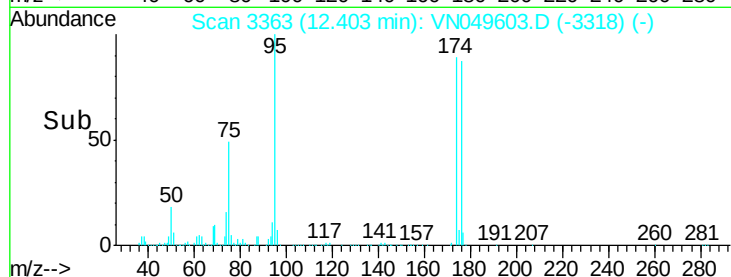
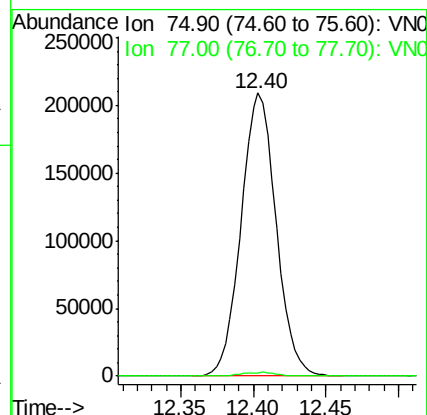
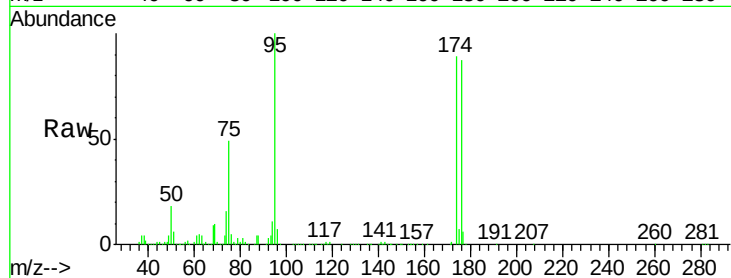
ClientSampled :

Tot Ion: 75 Resp: 350797

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.29 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049603.D

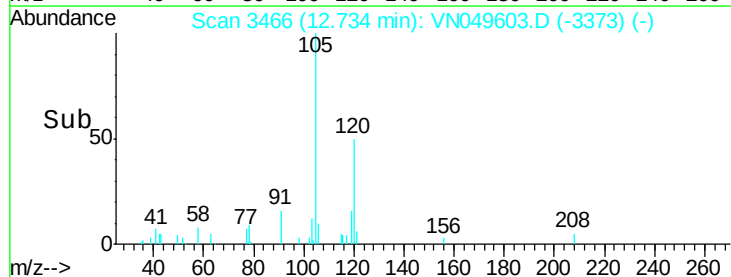
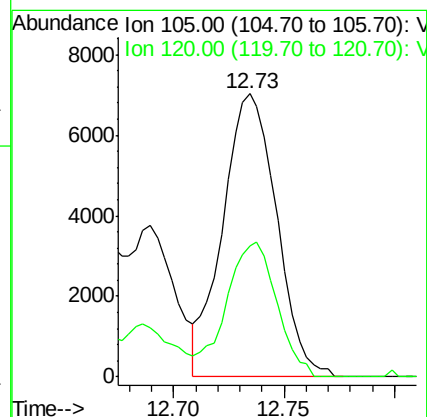
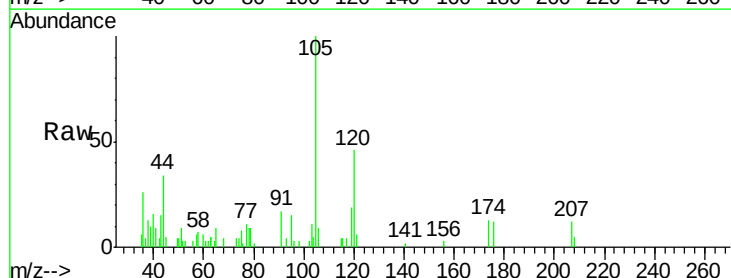
Acq: 28 Jun 2018 21:00

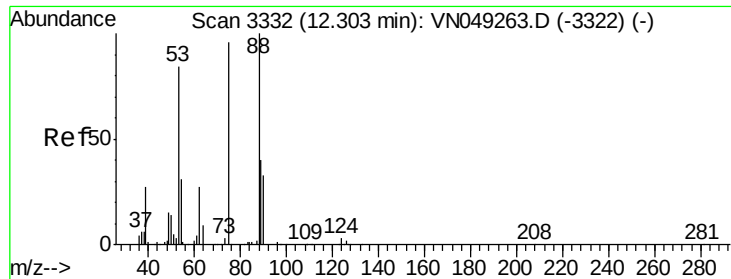
Tgt Ion: 105 Resp: 11952

Ion Ratio Lower Upper

105 100

120 44.6 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 107.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

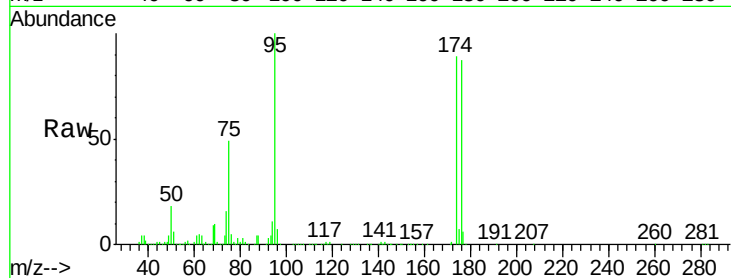
Tot Ion: 75 Resp: 350797

Ion Ratio Lower Upper

75 100

53 0.4 82.7 124.1#

89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3322) (-)

Ion 53.00 (52.70 to 53.70): VN049263.D (-3322) (-)

Ion 88.90 (88.60 to 89.60): VN049263.D (-3322) (-)

250000

200000

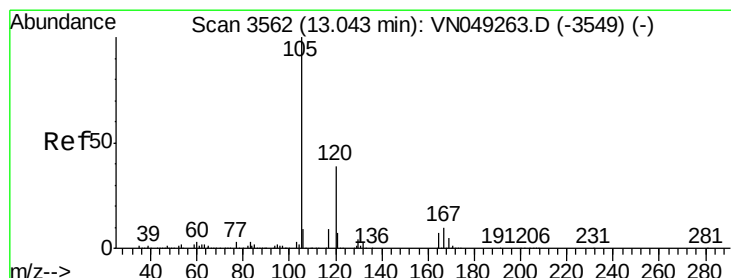
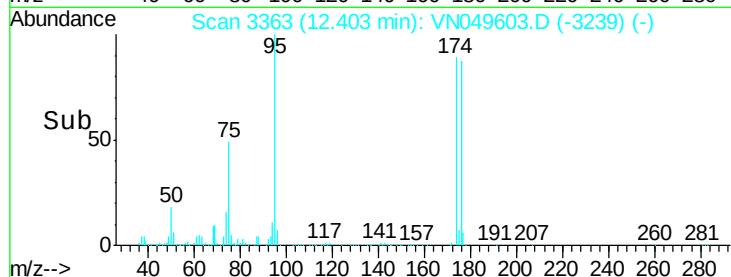
150000

100000

50000

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.80 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049603.D

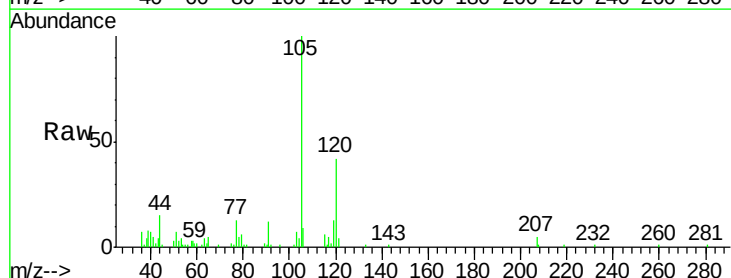
Acq: 28 Jun 2018 21:00

Tgt Ion: 105 Resp: 33174

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3549) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3549) (-)

20000

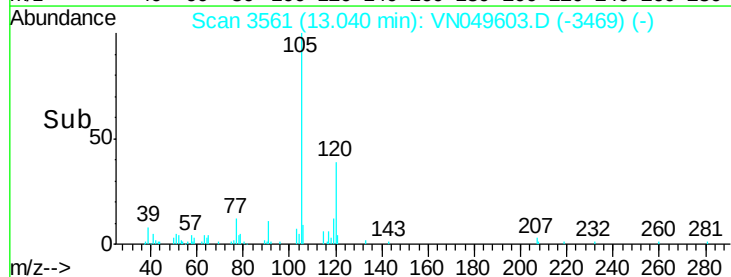
15000

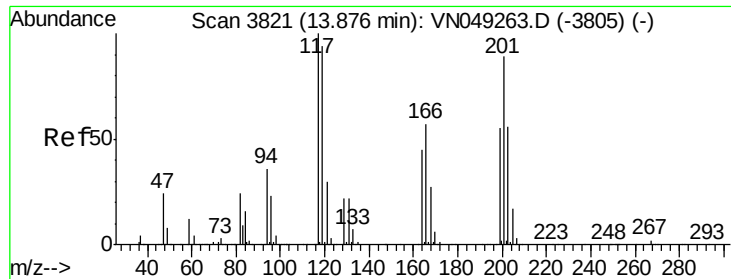
10000

5000

0

Time-->

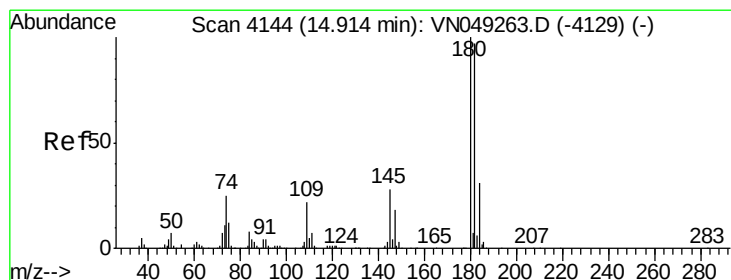
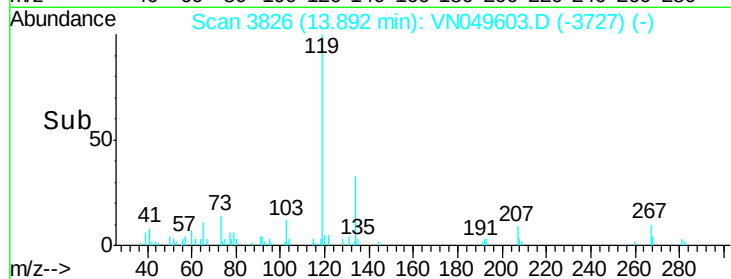
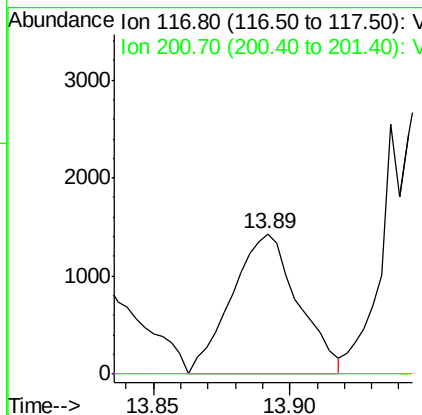
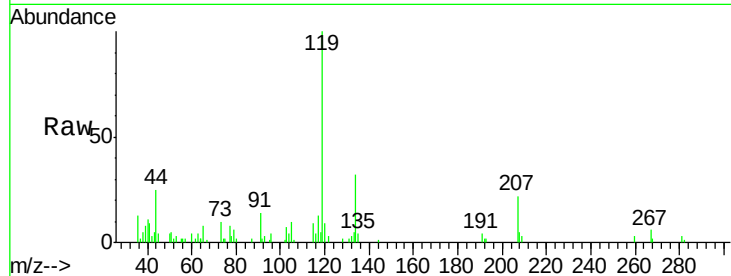




#90
Hexachloroethane
Concen: Below Cal
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

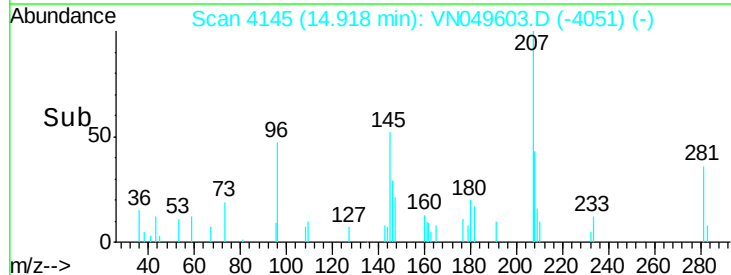
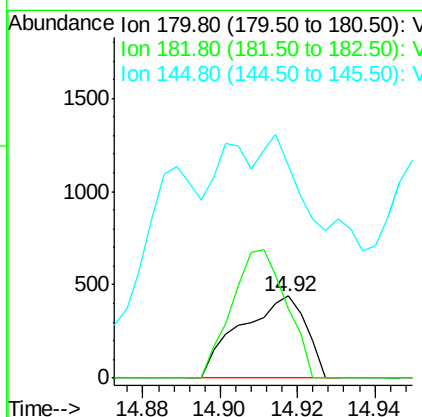
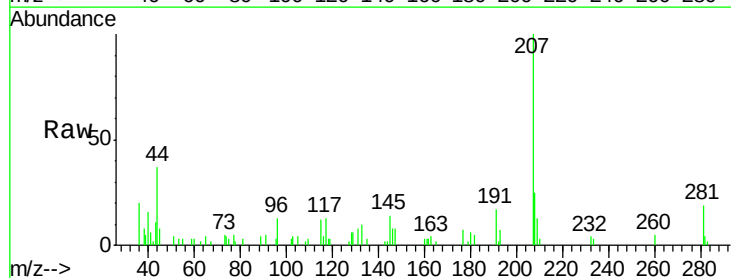
Instrument :
MSVOA_N
ClientSampled :

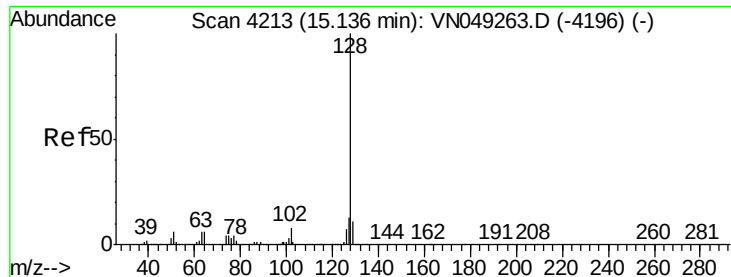
Tot Ion:117 Resp: 2408
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.2#



#93
1,2,4-Trichlorobenzene
Concen: 4.79 ug/l
RT: 14.92 min Scan# 4145
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion:180 Resp: 517
Ion Ratio Lower Upper
180 100
182 129.8 46.9 140.8
145 32.5 14.7 44.1

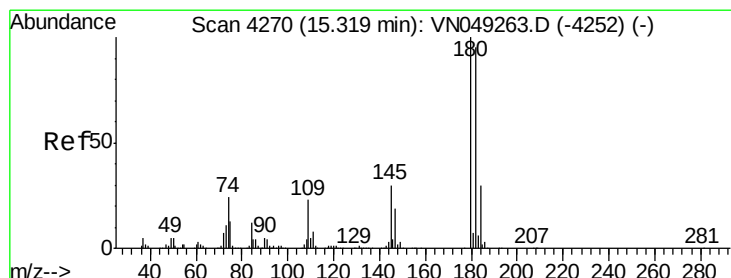
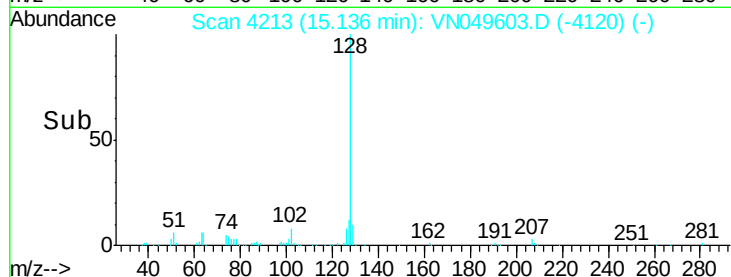
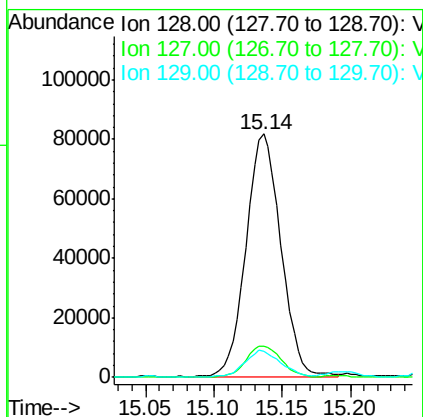
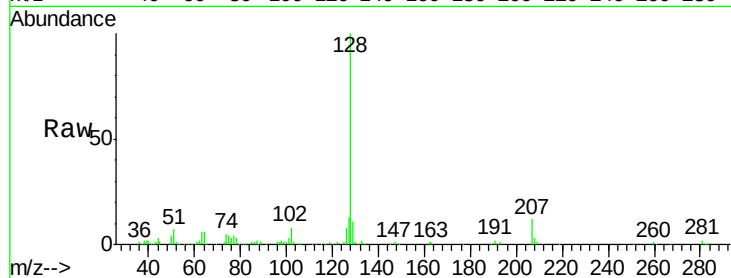




#95
Naphthalene
Concen: 10.53 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 145045
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.5 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.47 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. -0.01 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion:180 Resp: 186
Ion Ratio Lower Upper
180 100
182 119.9 47.3 141.8
145 0.0 15.6 46.7#

